



data communications

# Press Release

## **RAD Data Communications Joins the IP Alliance**

*iDirect Technologies Certifies RAD's Vmux-400 and Vmux-2100 Cellular Backhaul Solutions Interoperable with IP-over-Satellite Products*

*Herndon, Virginia, May 9, 2006:* Virginia-based iDirect Technologies, which designs and manufactures a two-way broadband IP access over satellite solution and distributes it through a worldwide network of service providers and network operators, has admitted RAD Data Communications as an application partner in its IP Alliance.

IP Alliance Application Partners are industry leading network software and equipment developers and manufacturers that are committed to delivering best-of-class solutions to the enterprise community. iDirect Technologies works closely with Alliance members to promote the interoperability of its technology with industry leading networking companies to extend full turnkey enterprise class solutions to locations where terrestrial connections are unavailable, take too long to implement or are too costly.

The RAD products that have been declared interoperable with IP-over-satellite applications are the Vmux-400 A-bis and A-ter GSM optimization gateway and the Vmux-2100 voice trunking gateway.

### **Reduces Opex Across the Entire Backhaul Pathway**

The Vmux-400 improves mobile network resources by enabling up to 3:1 bandwidth optimization, as well as a 2:1 reduction in the number of E1 ports required. RAD's Vmux-2100 voice trunking gateway provides A (BSC-to-MS) interface and E (MS-to-MS/PSTN) interface optimization, offering compression rates of up to 16:1. Both products are adapted to function in a terrestrial, satellite or microwave environment over Ethernet/IP/MPLS packet-switched networks, or TDM-based transport. Used together, RAD's Vmux solutions significantly reduce operating expenses (Opex) across the entire backhaul pathway while enabling cellular operators to expand their network infrastructure and introduce new services without incurring additional leased line costs.

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### **About iDirect Technologies**

A Vision Technologies Systems Company, iDirect designs, develops, and markets satellite-based broadband access solutions targeted at the enterprise, government, carrier and educational sectors that have the need for fast, flexible, and geographically dispersed two-way internet/intranet access. The company has developed technology solutions that combine high performance, worldwide availability, and ease of installation, high reliability, and low cost to end customers. In addition, iDirect solutions offer unprecedented efficiencies, increased revenue opportunities and higher per customer gross margins to satellite network operators. iDirect is headquartered in Herndon, VA., and has regional offices in Europe, Asia and covering Latin America. Additional company information is available at [www.idirect.net](http://www.idirect.net).

### **About RAD**

Established in 1981, privately owned RAD Data Communications has achieved international recognition as a major manufacturer of high quality access equipment for data communications and telecommunications applications. These solutions serve the data and voice access requirements of service providers, incumbent and new carriers, and enterprise networks, by reducing infrastructure investment costs while boosting competitiveness and profitability. The company's installed base exceeds 8,000,000 units and includes more than 150 carriers and operators around the world. These customers are supported by 18 RAD offices and more than 200 distributors in 105 countries.

RAD is a member of the RAD Group of companies, a world leader in networking and internetworking product solutions.

RAD Data Communications site: [www.rad.com](http://www.rad.com)

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